ORDC Rail Funding Application

I - APPLICANT INFORMATION	
Applicant Name	Ohio Railroad (example)
Street Address	1 Railroad Ave.
City, State, Zip Code	Columbus, OH
County	Columbus
Contact Person	Michael Operator
Title	President
Telephone Number	555-555-5555
E-mail Address	ohiorr.com
Fax Number	666-666-6666
Type of Incorporation	S-Corp
State of Incorporation	Ohio

DRAFT
FOR DISCUSSION ONLY

Application Date	1/10/2011

II - PROJECT INFORMATION	
Project Type (Select)	1. Freight Rail Development / SPUR Program
Project Description	Upgrade 10 miles of track to accommodate 286k shipments
Project Location	Columbus, OH
Address / Plant Site / Mileposts	MP 2.0-12.0
City / Township / Rail Line	Columbus Line
Transportation & Extraordinary Logistical or Infrastructure Issues	Will allow larger rail cars resulting in reduced shipper transportation costs and economic growth

III - PROJECT COST INFORMATION	
Total Project Cost ($)	$500,000
Amount of Loan Requested	$100,000
Amount of Grant Requested	$100,000
Estimated Start Date	
Estimated Completion Date	

Total Project Sources & Uses				
	Equity	Private Financing	Public Assistance	Total
Land	$	$	$	$
Building	$	$	$	$
Machinery / Equipment	$	$	$	$
Non-Fixed Asset Costs (Training Working Capital, etc.)	$	$	$	$
Non-Rail Infrastructure	$	$	$	$
Rail Infrastructure	$	$	$	$
Total Cost	$	$	$	$

Dedicated Repayament Source for ORDC Loan					
Revenue Source (Specify)	Historical Annual Average (Received)		Projected Annual Average (Expected)		
	Past Two Years		Year 1	Year 2	Year 3
	$	$	$	$	$
	$	$	$	$	$
	$	$	$	$	$
Total Revenue Source	0	0	0	0	0

IV - PROJECTED PROJECT IMPACT INFORMATION

New Rail Car Loads Generated or Diverted as a Result of Product

Commodity	2 Digit Code	Type of Service (Select)	Carloads / year	Origin City	Destination City	Tons / Railcar
Farm Products	1	2. Agriculture Manifest	50	Buffalo, NY	Columbus	100
Minerals	14	1. Bulk Unit Train	55	Boston, MA	Columbus	100
Pulp Paper	26	3. Other Manifest	40	Madison, WI	Columbus	80
Machinery	35	3. Other Manifest	65	Columbus	Pittsburgh	85

Retained Rail Carloads as a Result of Project

Commodity	2 Digit Code	Type of Service (Select)	Carloads / year	Origin City	Destination City	Tons / Railcar
Forest Products	8	3. Other Manifest	100	Portland, ME	Columbus	70
Chemicals	28	3. Other Manifest	150	Niagara Falls, NY	Columbus	75
Transportation Equip	37	4. Intermodal Service	200	Columbus	Chicago	80
Forest Products	0	2. Agriculture Manifest	250	Portland, ME	Columbus	85
Chemicals	0	3. Other Manifest	300	Niagara Falls, NY	Columbus	90
Transportation Equip	0	3. Other Manifest	350	Columbus	Chicago	95
Forest Products	0	1. Bulk Unit Train	400	Portland, ME	Columbus	100

Project Employment Impacts			
Current Railroad Employment	15	Avg. Salary	40000
Projected Post-Project RR Employment	17	Avg. Salary	39000
Current Shipper Employment	25	Avg. Salary	32000
Projected Post-Project Shipper Employment	30	Avg. Salary	30000
Estimated Project Construction Employment	3	Avg. Salary	35000

Rail Line Infrastructure Project Impacts - Systemwide		
	Current	Projected Post-Project
Railroad Line Miles	25	25
FRA Track Class		
Excepted Track (mi)	3	0
Class 1 (mi)	15	5
Class 2 (mi)	7	10
Class 3 + (mi)	0	10
Miles of Required 286K Track Required	20	20
Actual Miles of 286K Track	10	20

Project Location - Specific Infrastructure Impacts (if applicable)		
	Current	Projected Post-Project
Estimated Project Length (mi)	10	10
FRA Track Class		
Excepted Track (mi)	2	0
Class 1 (mi)	8	0
Class 2 + (mi)	0	10
Class 3+ (mi)	5	10
Miles of 286K Track Required	10	10
Actual Miles of 286K Track	0	10

Rail Line Operational Impacts (Systemwide)		
	Current	Projected Post-Project
Average Annual Carloadings (3 yr)	500	650
Average System Speed	10	15
Average Maintenance Costs / per mill (3 yr)	10000	5000
Locomotive Fuel Costs	50000	45000
Other Operating Costs (crew, derailment, etc.)	1000000	950000

Project Location - Specific Infrastructure Impacts (if applicable)		
	Current	Projected Post-Project
Average Annual Carloading (3 yr)	200	400
Average System Speed (mph)	8	15
Average Maintenance Costs (3 yr)	20000	15000
Average Capital Costs (3 yr)	6000	3000
Average Rail Operating Costs (3 yr)	200000	150000
Average Rail Operating Revenue (3 yr)	150000	200000

Major Project Impacts		
	Current	Projected Post-Project
Average Annual Carloading to Project Location		
Average System Speed To / From Project Location		
Estimated Reduction in Shipper Costs (%)		
Estimated Project Return on Investment		

NOTES FOR SECTION II

Drop-down Options for cell E21

1. Freight Rail Development / SPUR Program
2. Rail Line Acquisition / Preservation / Rehabilitation Program
3. Class 1 Major Project

NOTES FOR SECTION IV

1. Bulk Unit Train
2. Agriculture Manifest
3. Other Manifest
4. Intermodal Service

Benefit Worksheet

I - Project Information	
Applicant Name	Ohio Railroad (example)
Application Date	1/10/2011
Project Location	Columbus, OH
Project Description	Upgrade 10 miles of track to accommodate 286k shipments

II - Commodity Data

1. New or Diverted Carloads

Comm Code	Rail Factor	Type of Service	# Carloads (A)	# Total Miles (B)	# OH Miles (C)	Tons / Car (D)
1	0.025	2. Agriculture Manifest	50	150	75	100
14	0.02	1. Bulk Unit Train	55	600	75	100
26	0.035	3. Other Manifest	40	400	100	80
35	0.035	3. Other Manifest	65	150	110	85
Totals			**210**			

2. Retained Carloads

Comm Code		Type of Service	# Carloads (A)	# Total Miles (B)	# OH Miles (C)	Tons / Car (D)
8	0.035	3. Other Manifest	100	700	75	70
28	0.035	3. Other Manifest	150	170	75	75
37	0.055	4. Intermodal Service	200	300	100	80
8	0.025	2. Agriculture Manifest	250	350	75	85
28	0.035	3. Other Manifest	300	170	100	90
37	0.035	3. Other Manifest	350	700	110	95
8	0.02	1. Bulk Unit Train	400	550	75	100
Totals			**1750**			

Project Cost	$500,000.00
Grant Amount Requested	$100,000.00
Loan Amount Requested	$100,000.00

Total Tons (E) (A*D)	Total Ton - Miles (F) (B*E)	Total OH Ton - Miles (G) (C*E)	Truck Factor (H)	Equivalent # Trucks (I) (E/H)	Total Truck Miles (OH) (C*I)	Total Rail Cost
5,000.00	750,000.00	375,000.00	18.71	267.24	20,042.76	18,750.00
5,500.00	3,300,000.00	412,500.00	25.77	213.43	16,006.98	66,000.00
3,200.00	1,280,000.00	320,000.00	15.17	210.94	21,094.26	44,800.00
5,525.00	828,750.00	607,750.00	17.21	321.03	35,313.77	29,006.25
19,225.00	**6,158,750.00**	**1,715,250.00**		**1,012.64**	**92,457.78**	**158,556.25**

Total Tons (E) (A*D)	Total Ton - Miles (F) (B*E)	Total OH Ton - Miles (G) (C*E)	Truck Factor (H)	Equivalent # Trucks (I) (E/H)	Total Truck Miles (OH) (C*I)	Total Rail Cost
7,000.00	4,900,000.00	525,000.00	13.27	527.51	39,562.92	171,500.00
11,250.00	1,912,500.00	843,750.00	19.25	584.42	43,831.17	66,937.50
16,000.00	4,800,000.00	1,600,000.00	16.92	945.63	94,562.65	264,000.00
21,250.00	7,437,500.00	1,593,750.00	13.27	1,601.36	120,101.73	185,937.50
27,000.00	4,590,000.00	2,700,000.00	19.25	1,402.60	140,259.74	160,650.00
33,250.00	23,275,000.00	3,657,500.00	16.92	1,965.13	216,164.30	814,625.00
40,000.00	22,000,000.00	3,000,000.00	13.27	3,014.32	226,073.85	440,000.00
155,750.00	**68,915,000.00**	**13,920,000.00**		**3,658.90**	**880,556.37**	**2,103,650.00**

III - Employment Data					
	# Jobs	Average Salary	Total Wages + BPN	Total Job Impact	Total Wage Impact
1. Railroad Employment Gains	2	39000	$78,000.00	9	$234,000.00
2. Industry Employment Gains	5	30000	$200,250.00	15	$600,750.00
3. Construction Employment Gains (As Provided)	3	35000	$140,175.00	9	$420,525.00
4. Construction Employment Gains (Based on Project Cos	**1.60**	**$66,195.00**	**$141,392.52**	**4.8**	**$1,255,275.00**

IV. Infrastructure Data				
	Current # of Miles	Current % of Total Miles	Post-Project # of Miles	Post - Project % of Total Miles
1. Excepted / Total	3	12.00%	0	0.00%
2. Class 1 / Total	15	60.00%	5	20.00%
3. Class 2 / Total	7	28.00%	10	40.00%
4. Class 3+ / Total	0	0.00%	10	40.00%
5. 286K / Total Required	20	80.00%	20	80.00%
6. Actual 286K / Total	10	40.00%	10	40.00%

Project Location Impacts				
	Current # of Miles	Current % of Total Miles	Post-Project # of Miles	Post - Project % of Total Miles
1. Excepted / Total	2	20.00%	0	0.00%
2. Class 1 / Total	8	80.00%	0	0.00%
3. Class 2 / Total	0	0.00%	10	100.00%
4. Class 3+ / Total	5	50.00%	10	100.00%
5. 286K / Total Required	10	100.00%	10	100.00%
6. Actual 286K / Total	0	0.00%	10	100.00%

V - Shipper Transportation Cost Data		
	Diverted	Retained
1. Truck Costs	$740,281.75	$8,283,583.00
2. Rail Costs	$158,556.25	$2,103,650.00
3. Projected Shipper Transport	$581,725.50	$6,179,933.00

VI - Highway Cost Data	
1. Highway Maintenance Costs (OH)	9605.4
2. Highway Congestion Cost (OH)	14432.33266

VII - Highway Safety Data		
	Diverted	Retained
1. Reduced # of Trucks	1,012.64	3,658.90
2. Reduced Fatalities (OH)	$ 0.0003	$ 0.0033
3. Value of Reduced Fatalities	2053.67	19558.92
4. Reduced Injuries (OH)	$ 0.0086	$ 0.0821
5. Value of Reduced Injuries	801.61	7,634.44

VIII - Fuel Usage Data (OH)		
	Diverted	Retained
1. Fuel Usage - Rail (# Gallons)	3,962.23	32,155.20
2. Fuel Usage - Truck (# Gallons)	471,534.67	4,490,837.47
3. Fuel Savings (OH) (# Gallons)	467,572.44	4,458,682.27
4. Value of Fuel Savings	$1,402,717.33	$13,376,046.82

IX -Environmental Emissions Data				
	Diverted Tons	Diverted Value	Retained Tons	Retained Value
1. Carbon Monoxide Reduction	0.53		5.19	
2. Nitrogen Oxide Reduction	$ 4.30	$ 17,194.88	$ 42.43	$ 169,721.90
3. Particulate Matter	$ 0.05	$ 8,807.45	$ 0.54	$ 90,443.80
4. Carbon Dioxide	$ 5,197.54	$ 10,395.07	$ 49,562.71	$ 99,125.42

Benefits Summary

I - APPLICANT INFORMATION	
Applicant Name	Ohio Railroad (example)
Street Address	1 Railroad Ave.
City, State, Zip Code	Columbus, OH
County	Columbus
Contact Person	Michael Operator
Title	President
Telephone Number	555-555-5555
E-mail Address	ohiorr.com
Fax Number	666-666-6666
Type of Incorporation	S-Corp
State of Incorporation	Ohio

Application Date	1/10/2011

II - PROJECT INFORMATION	
Project Type (Select)	1. Freight Rail Development / SPUR Program
Project Description	Upgrade 10 miles of track to accommodate 286k shipments
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Transportation & Extraordinary	Will allow larger rail cars resulting in reduced shipper

Total Project Sources & Uses				
	Equity	Private Financing	Public Assi	Total
Land	$	$	$	$
Building	$	$	$	$
Machinery / Equipment	$	$	$	$
Non-Fixed Asset Costs (Training Working	$	$	$	$
Non-Rail Infrastructure	$	$	$	$
Rail Infrastructure	$	$	$	$
Total Cost	$	$	$	$

Rail Line Operational Impacts (Systemwide)		
	Current	Projected Post-Project
Average Annual Carloadings (3 yr)	500	650
Average System Speed	10	15
Average Maintenance Costs / per mill (3 yr)	10000	5000
Locomotive Fuel Costs	50000	45000
Other Operating Costs (crew, derailment, etc.)	1000000	950000

Major Project Impacts		
	Current	Projected Post-
Average Annual Carloading to Project Location	0	0
Average System Speed To / From Project Location	0	0
Estimated Reduction in Shipper Costs (%)	0	0
Estimated Project Return on Investment	0	0

***There are other impacts that will be calculated and added to this summary**

Rating Factors

Farming Products	1	18.71
Forest Products	8	13.27
Fresh fish or marine products	9	15.89
Metallic ores	10	25.77
Coal	11	25.77
Crude petroleum or natural gas	13	19.84
nonmetallic minerals	14	25.77
Ordnance or accessories	19	9.84
Food or kindred products	20	15.89
Tobacco products	21	11.47
Textile mills products	22	18.16
Apparel or related products	23	18.16
Lumber or wood products	24	17.61
Furniture or fixtures	25	11.26
Pulp Paper	26	15.17
Printed matter	27	15.17
Chemicals or allied products	28	19.25
Petroleum or coal products	29	17.84
Rubber or plastics	30	9.84
Leather or leather products	31	18.16
Clay, concrete, glass or stone	32	18.63
Primary metal products	33	20.14
Fabricated metal products	34	14.49
Machinery	35	17.21
Electrical equipment	36	14.62
Transportation Equipment	37	16.92
Instruments, photo equipment	38	17.21
Misc. manufacturing products	39	13.04
Drayage, warehousing distribution	50	14.98

1. Bulk Unit Train	0.02
2. Agriculture Manifest	0.025
3. Other Manifest	0.035
4. Intermodal Service	0.055